

**Vaccine Safety Datalink Project
Publications
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PUBLICATIONS

Barlow WE. Measurement of Interater Agreement With Adjustment for Covariates. *Biometrics* 1996;52:695-1162.

Barlow WE. Global Measures of Local Influence for Proportional Hazards Regression Models. *Biometrics* 1997;53:1157-1162.

Barlow WE. Davis RL. Glasser JW. Rhodes PH. Thompson RS. Mullooly JP. Black SB. Shinefield HR. Ward JI. Marcy SM. DeStefano F. Chen RT. Immanuel V. Pearson JA. Vadheim CM. Rebollo V. Christakis D. Benson PJ. Lewis N. Centers for Disease Control and Prevention Vaccine Safety Datalink Working Group. The risk of seizures after receipt of whole-cell pertussis or measles, mumps, and rubella vaccine. *New England Journal of Medicine* 2001, 345:656-61.

Belay ED, Holman RC, Clarke MJ, DeStefano F, et al. The incidence of Kawasaki syndrome in West Coast health maintenance organizations. *Pediatr Infect Dis J* 2000 19:8 28-32.

Black S. Shinefield H. Ray P. Lewis E. Chen R. Glasser J. Hadler S. Hardy J. Rhodes P. Swint E. Davis R. Thompson R. Mullooly J. Marcy M. Vadheim C. Ward J. Rastogi S. Wise R. Risk of hospitalization because of aseptic meningitis after measles-mumps-rubella vaccination in one- to two-year-old children: an analysis of the Vaccine Safety Datalink (VSD) Project. *Pediatric Infectious Disease Journal* 1997 16 :500-3.

Chang EJ, Zangwill KM, Lee H, Ward JI. Lack of association between rotavirus infection and intussusception: implications for use of attenuated rotavirus vaccines. *Pediatr Infect Dis J* 2002; 21:97-102

Chen RT, DeStefano F, Pless R, Mootrey G, Kramarz P, Hibbs B. Challenges and Controversies in Immunization Safety. *Infectious Disease Clinics of North America* 2001; 15: 21-39.

Chen RT, DeStefano F, Davis RL, et al. The Vaccine Safety Datalink: Immunization research in health maintenance organizations in the USA. *WHO Bulletin* 2000;78:186-94.
<http://www.who.int/bulletin/pdf/2000/issue2/bu0338.pdf>

Chen RT, Glasser, Rhodes P, et al. The Vaccine Safety Datalink Project: A New Tool for Improving Vaccine Safety Monitoring in the United States. *Pediatrics* 1997;99:765-73.
<http://www.pediatrics.org/cgi/content/full/99/6/765>

**Vaccine Safety Datalink Project
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September 2002**

Coplan P, Black S, Rojas C, Shinefield H, Ray P, Lewis E, Guess H. Incidence and hospitalization rates of varicella and herpes zoster before varicella vaccine introduction: a baseline assessment of the shifting epidemiology of varicella disease. *Pediatric Infectious Disease Journal* 2001;20(7):641-5.

Davis RL, Kramarz P, Bohlke K, Thompson RS, Mullooly J, Black S, Shinefield H, Ward J, Marcy M, Eriksen E, Lewis N, DeStefano F, Chen R. Measles-Mumps-Rubella and Other Measles-Containing Vaccines Do Not Increase the Risk for Inflammatory Bowel Disease. A Case-Control Study From the Vaccine Safety Datalink Project. *Arch Pediatr Adolesc Med* 2001;155:354-359.

Davis RL, Lieu TA, Mell LK et al. Impact of the Change in Polio Vaccination Schedule on Immunization Coverage rates: A Study in Two Large Health Maintenance Organizations. *Pediatrics* 2001; 107: 671-676. <http://www.pediatrics.org/cgi/content/full/107/4/671>

Davis RL, Mell LK, Zavitkovsky A, Thompson RS, Lieu TA, et al. Impact of the sequential IPV/OPV schedule on vaccination coverage levels in United States, 1997. *MMWR* 1998;47:1017-9. <http://www.cdc.gov/mmwr/preview/mmwrhtml/00055785.htm>

Davis RL; Rubanowice D; Shinefield HR; Lewis N; Gu D; Black SB; DeStefano F; Gargiullo P; Mullooly JP; Thompson RS; Chen RT. Immunization levels among premature and low_birth_weight infants and risk factors for delayed up_to_date immunization status. *JAMA* 1999;282:547-53. <http://jama.ama-assn.org/issues/v282n6/rfull/joc90302.html>

Davis RL, Marcuse E, Black S, Shinefield H, Givens B, Schwalbe J, Ray P, Thompson RS, Chen R. MMR2 immunization at 4 to 5 years and 10 to 12 years of age: a comparison of adverse clinical events after immunization in the Vaccine Safety Datalink project. The Vaccine Safety Datalink Team. *Pediatrics* 1997;100:767-71.
<http://www.pediatrics.org/cgi/content/full/100/5/767>

Davis RL, Vadheim C, Black S, Shinefield H, Chen R, and the Vaccine Safety Datalink Workgroup. Utility of immunization tracking systems for self assessment, improvement, research and evaluation, and linkage with statewide networks: experience of the CDC Vaccine Safety Datalink sites. *HMO Practice* 1997;11:13-17.

DeStefano F, Chen RT. Negative association between MMR and autism [Commentary] *Lancet* 1999;353:1987-8.

**Vaccine Safety Datalink Project
Publications
September 2002**

DeStefano F. Opportunities for population-based clinical research using data from managed care organizations. In: Davis JR, editor. Managed care systems and emerging infections. Washington, DC: National Academy Press, 2000;16-8.

DeStefano F. Mullooly JP. Okoro CA. Chen RT. Marcy SM. Ward JI. Vadheim CM. Black SB. Shinefield HR. Davis RL. Bohlke K. Childhood vaccinations, vaccination timing, and risk of type 1 diabetes mellitus. *Pediatrics* 2001;108:e112-3.

<http://www.pediatrics.org/cgi/content/full/108/6/e112>

Destefano, F., Gu, D., Kramarz, P., et al. Childhood Vaccinations and Risk of Asthma. *PIDJ* 2002;21:498-504.

Gargiullo PM, Kramarz P, DeStefano F, Chen RT. Principles of epidemiological research on drug effects [letter]. *Lancet* 1999;353:501.

Ichikawa L and Barrow WE. SAS Macro for Analysis of Case-Cohort Design. January 1996.
<http://lib.stat.cmu.edu/general/robphreg>

Izurieta H, Thompson WW, Kramarz P, Shay DK, Davis RL, DeStefano F, Black S, Shinefield H, Fukuda K. Impact of influenza on the rates of respiratory disease hospitalizations among young children. *N Engl J Med* 2000;342:232-9.

Jackson LA, Benson P, Sneller VP, Butler JC, Thompson RS, Chen RT, Lewis LS, Carlone G, DeStefano F, Holder P, Lezhava T, Williams WW. Safety of revaccination with pneumococcal polysaccharide vaccine. *JAMA* 1999;281:243-8.

<http://jama.ama-assn.org/issues/v281n3/rfull/joc80990.html>

Jackson LA, Austin G, Chen RT, Stout R, DeStefano F, Gorse GJ, Newman FK, Yu O, Weniger BG. Safety and immunogenicity of varying dosages of trivalent inactivated influenza vaccine administered by needle-free jet injectors. *Vaccine* 2001;19:4703-9.

Jackson LA, Yu O, Heckbert S, Psaty B, Malais D, Barlow W, Thompson W. Influenza Vaccination Is Not Associated With A Reduction In the Risk Of Recurrent Coronary Events. *AJE* 2002;156:634-640.

Kramarz P, France EK, Destefano F, Black SB, Shinefield H, Ward JI, Chang EJ, Chen RT, Shatin D, Hill J, Lieu T, Orgren JM. Population-based Study of Rotavirus Vaccination and Intussusception, *PIDJ* 2001;20; 410-6.

**Vaccine Safety Datalink Project
Publications
September 2002**

Kramarz P, DeStefano F, Gargiullo P, Davis RL, Chen RT, Mullooly JM, Black SB, Bohlke K, Ward JI, Marcy MM, Okoro CA. Influenza vaccination in children with asthma in Health Maintenance Organizations. *Vaccines* 2000;18:2288-94.

Kramarz P, DeStefano F, Gargiullo P, Davis RL, Chen RT, Mullooly JM, Black SB, Shinefield HR, Bohlke K, Ward JI, Marcy SM. Does influenza vaccination exacerbate asthma? *Arch Fam Med* 2000;9:617-23.

Kramarz P, DeStefano F, Gargiullo P, Chen RT, Lieu TA, Davis RL, Mullooly JM, Black SB, Shinefield HR, Bohlke K, Ward JI, Marcy SM. Does influenza vaccination prevent asthma exacerbations in children? *Journal of Pediatrics*. 2001;138(3):306-10

Kuppermann M, Nease RF, Ackerson LM, Black SB, Shinefield HR, Lieu TA. Parent preferences for outcomes associated with childhood vaccinations. *Pediatr Infect Dis J* 2000;19:129-133.

Lewis E, Shinefield HR, Woodruff BA, Black SB, DeStefano F, Chen RT, Ensor R. Safety of neonatal hepatitis B vaccine administration. *Pediatr Infect Dis J* 2001; 20: 1049-1054.

Lieu TA, Black SB, Ray P, Chellino M, Shinefield HR, Adler NE. Risk factors for delayed immunization among children in a health maintenance organization. *Am J Public Health* 1994;84:1621-1625.

Lieu TA, Black SB, Sorel ME, Ray P, Shinefield HR. Would better adherence to guidelines improve childhood immunization rates? *Pediatrics* 1996;98:1062-1068.

Lieu TA, Black SB, Ray P, Schwalbe JA, Lewis EM, Lavetter A, Morozumi P, Shinefield HR. Computer-generated recall letters for underimmunized children: How cost-effective? *Pediatr Infect Dis J* 1997;16:28-33.

Lieu TA, Capra AM, Makol J, Black SB, Shinefield HR, for the Immunization Message Study Group. Effectiveness and cost-effectiveness of letters, automated telephone messages, or both for underimmunized children in a health maintenance organization. *Pediatrics* 1998;101(4); E3
<http://www.pediatrics.org/cgi/content/full/101/4/e3>

Lieu TA, Black SB, Takahashi H, Ray P, Capra AM, Shinefield HR, Adler NE. Varicella serology among school-age children with a negative or uncertain history of chickenpox. *Pediatr Infect Dis J* 1998;17:120-125.

**Vaccine Safety Datalink Project
Publications
September 2002**

Lieu TA, Davis RL, Capra AM, et al. Variation in Clinician Recommendations for Multiple Injections During Adoptions of Inactivated Polio Vaccine. *Pediatrics* 2001; 107:e49.

<http://www.pediatrics.org/cgi/content/full/107/4/e49>

Lieu TA, Black SB, Ray GT, Martin KE, Messonnier ML, Shinefield HR, Weniger BG. The hidden costs of infant vaccination. *Vaccine* 2001;19:33-41.

Mullooly, J, Pearson J, Drew L, et al. Wheezing lower respiratory disease and vaccination of full-term infants. *Pharmacoepidemiology and Drug Safety* 2002; 11:21-30.

<http://www3.interscience.wiley.com/cgi-bin/fulltext?ID=90513614&PLACEBO=IE.pdf>

Mullooly J, Drew L, DeStefano F, et al. Quality of HMO vaccination databases used to monitor childhood vaccine safety. *Am J Epidemiol* 1999;149:186-94.

Mullooly JP. Misclassification Model for Person-Time Analysis of Automated Medical Care Databases. *Am J Epidemiol* 1996;144: 782-92.

Niu MT. Rhodes P. Salive M. Lively T. Davis DM. Black S. Shinefield H. Chen RT. Ellenberg SS. Comparative safety of two recombinant hepatitis B vaccines in children: data from the Vaccine Adverse Event Reporting System (VAERS) and Vaccine Safety Datalink (VSD). *Journal of Clinical Epidemiology* 1998 51:503-10.

Parashar U, Holman R, Bresee J, Clarke M, Rhodes P, Davis RL, Thompson RS, Mullooly J, Black S, Shinefield H, Marcy M, Vadheim C, Ward J, Chen R, Glass R, and the Vaccine Safety Datalink Team. Epidemiology of Diarrheal Disease among Children Enrolled in Four West Coast Health Maintenance Organizations. *Pediatric Infectious Disease Journal* 1998;17:605-11.

Pearson DC, Thompson RS. An Evaluation of Group Health Cooperative of Puget Sound=s Senior Influenza Immunization Program. *Pub Health Rep* 1994; 109:571-578.

Ray P, Black S, Shinefield H, et al. Risk of chronic arthropathy among women after rubella vaccination. *JAMA* 1997;278:551-6.

Thompson RS. What Have HMO=s learned About the Development, Implementation, and Evaluation of Clinical Prevention Services? An Examination of the Experience at Group Health Cooperative of Puget Sound. *Milbank Q* 1996;74:469-509.

<http://www.milbank.org/740402.html>

**Vaccine Safety Datalink Project
Publications
September 2002**

Udovic SL, Lieu TA, Black SB, Ray PM, Ray GT, Shinefield HR. Parent reports on willingness to accept childhood immunization during urgent care visits. Pediatrics 1998;102:E47. <http://www.pediatrics.org/cgi/content/full/102/4/e47>.

Wassilak SGF, Glasser JW, Chen RT, Hadler SC, and Vaccine Safety Datalink Investigators. Utility of Large-linked Databases In Vaccine Safety, Particularly In Distinguishing Independent and Synergistic Effects. Ann NY Acad Sci. 1995;754:377-82.